



ecology and environment, inc.

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International Specialists in the Environmental Sciences

DATE: March 4, 1983

TO: File/USEPA Region V

FROM: Paul D. Shea

SUBJECT: Preliminary Assessment

Illinois/TDD#R05-8212-01A-132

Maywood/Commonwealth Edison - Technical Center

ILD043352509

EPA Region 5 Records Ctr.



304424

10/11/83

SI

Attached is EPA's Preliminary Assessment Form 2070-12 for the above referenced site.

Primary information was gathered from the following source(s):

1. USEPA Erris files - Region V, Chicago
2. IEPA - Water Division Files
- 3.

Information indicates the following responsible parties should be listed. They are listed here because of space limitations:

1. None known
- 2.
- 3.

Presently, data gaps or no verification exists in the following key area(s):

1. Waste quantity
2. Groundwater/Surface water/air contamination
3. Damage to biota/off site property/sewers

A review of the available data indicates that additional information will be necessary to assess the impact(s) on:

1. Waste quantity
2. Groundwater
3. Surface water
4. Air
- 5.

Suggested methods/sources for obtaining additional information are:

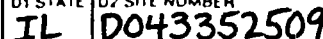
1. On site inspection
2. Sampling/monitoring
3. Off site inspection

Notice of an apparent need for emergency action was transmitted to N/A on N/A

by N/A.

dm

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT				I. IDENTIFICATION 01 STATE 02 SITE NUMBER IL D043352509	
II. SITE NAME AND LOCATION					
01 SITE NAME (Legal, common, or descriptive name of site) COMM. ED. TECH CENTER			02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 1319 S. 1ST AVENUE		
03 CITY MAYWOOD			04 STATE IL	05 ZIP CODE 60153	06 COUNTY COOK
09 COORDINATES LATITUDE 41° 52' 30.0" LONGITUDE 087° 49' 55.0"			07 COUNTY CODE 031		
			08 CONG DIST 06		
10 DIRECTIONS TO SITE (Starting from nearest public road) EISENHOWER EXPRESSWAY TO 1ST AVE. GO NORTH ON 1ST AVENUE TO 1ST RIGHT AND SITE IS BACK ABOUT 2 BLOCKS.					
III. RESPONSIBLE PARTIES					
01 OWNER (If known) COMMONWEALTH EDISON			02 STREET (Business, mailing, residential) P.O. Box 767		
03 CITY CHICAGO			04 STATE IL	05 ZIP CODE 60690	06 TELEPHONE NUMBER (312) 294-4433
07 OPERATOR (If known and different from owner) DIR. OF WATER QUALITY			08 STREET (Business, mailing, residential) P.O. Box 767		
09 CITY CHICAGO			10 STATE IL	11 ZIP CODE 60690	12 TELEPHONE NUMBER (312) 294-4433
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input checked="" type="checkbox"/> A. RCRA 3001 DATE RECEIVED: 8 / 18 / 80 MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED NONE MONTH DAY YEAR <input type="checkbox"/> C. NONE					
IV. CHARACTERIZATION OF POTENTIAL HAZARD					
01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 1 / 22 / 81 MONTH DAY YEAR <input type="checkbox"/> NO			BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____		
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN			03 YEARS OF OPERATION 1981 1930 BEGINNING YEAR PRESENT ENDING YEAR <input type="checkbox"/> UNKNOWN		
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED PCB (TOXIC, PERSISTENT)					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION LEACH INTO GROUNDWATER (ENVIRONMENT + POPULATION) RUNOFF TO SURFACE WATER					
V. PRIORITY ASSESSMENT					
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed. Complete current disposition form)					
VI. INFORMATION AVAILABLE FROM					
01 CONTACT MR. KEN BECHELY (LAND) MR. FRANK YUMPING (WATER)			02 OF (Agency/Organization) ILLINOIS EPA - MAYWOOD		03 TELEPHONE NUMBER (312) 345-9780
04 PERSON RESPONSIBLE FOR ASSESSMENT			05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER ()
			08 DATE 1 / 1 / MONTH DAY YEAR		





POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE IL 02 SITE NUMBER D043352509

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: >10,000

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

POTENTIAL LEACHING OF PCB INTO GROUNDWATER
DUE TO POOR CONTAINMENT OF THE CONTAMINANT.

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: >10,000

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☒ ALLEGED

04 NARRATIVE DESCRIPTION

AREA RUNOFF IS SUSPECTED TO HAVE DISCHARGED
PCB CONTAMINATED SEDIMENTS TO THE DES PLAINES RIVER
RUNOFF NOW COLLECTED IN BASINS
+ TREATED. SEDIMENT IS ANALYZED

01 ☒ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: >10,000

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

WIND BLOWN CONTAMINATED SOIL POSSIBLY AFFECTING
AIR QUALITY.

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: 27.8
(ACRES)

02 ☒ OBSERVED (DATE: UNK)

☒ POTENTIAL

☒ ALLEGED

04 NARRATIVE DESCRIPTION

LAND APPLICATION AND LEAKAGE OF CONTAMINATION (PCB)
SOIL HAS BEEN REMOVED IN AREAS OF HIGH CONTAMINATION

01 ☐ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: ≈ 100

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

WORKERS POTENTIALLY EXPOSED TO PCB CONTAMINATED
SOIL. INJURY POSSIBLE

01 ☒ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: >10,000

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

CONTAMINATION RUNOFF SUSPECTED TO HAVE REACHED
DES PLAINES RIVER. POPULATION EXPOSURE POSSIBLE.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL D043352509

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

ASSUMED DAMAGE IF CONTAMINANT REACHED ECOSYSTEM
AS ALLEGED

01 ☒ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

REFER TO ITEM "J"

01 ☒ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

POTENTIAL BIO-ACCUMULATION OF PCB IN
AQUATIC + TERRESTRIAL FOOD CHAINS

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills, runoff/standing liquids, leaking drums)

02 ☒ OBSERVED (DATE: UNK) ☒ POTENTIAL ☒ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: >10,000

04 NARRATIVE DESCRIPTION

PCB FLUID MAY HAVE BEEN USED AS A DUST CONTROL AGENT
LAND APPLICATION + LEAKAGE OF CONTAMINANT.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

DOWNSTREAM PROPERTY POTENTIALLY ACCUMULATING
PCB IN THEIR SOIL IN FLOOD STAGE PERIODS.

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

POTENTIAL RUNOFF OF PCB CONTAMINATED SOIL AND
DIRT INTO SEWERS NEARBY.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: >10,000

IV. COMMENTS

TECH CENTER IS THE LOCATION OF COMM. EDS. ENG. DEPT., LAB, ELECT. EQUIP.
STORAGE AREA AND ELECT EQUIP REPAIR CENTER.

V. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis reports)

USEPA ERRIS FILE - REGION V, CHICAGO